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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/684,946	10/14/2003	J. Milton Harris	044646/262894	3665

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EXAMINER

NAFF, DAVID M

ART UNIT

PAPER NUMBER

1651

DATE MAILED: 03/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/684,946

Applicant(s)

HARRIS ET AL.

Examiner

David M. Naff

Art Unit

1651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>10/14/03&amp;8/19/04</u> . | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

Claims in the application are 1-4.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C.

5 112:

10 The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

15 Claims 2 and 4 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

20 The specification fails to support "active esters" and "active carbonates" as Q as recited in the claims. Examples of Q are disclosed in the specification at page 10, lines 6-9. The terms "active esters" and "active carbonates" are not included among the examples. The succinimidyl active ester disclosed at page 2 (line 4, from the bottom) and page 3, line 4 (from the top) does not support any active ester as encompassed by "active esters", and the examples  
25 of Q include N-succinimidyl esters. The disclosure (page 10, line 13 from the bottom) of reaction of active esters with amine is directed to describing hydrolytically stable linkage L, and is not describing an example of Q. Additionally, this disclosure of active esters is in

Art Unit: 1651

regard to reacting with an amine, and does not support any active ester.

### ***Double Patenting***

5 The nonstatutory double patenting rejection is based on a  
judicially created doctrine grounded in public policy (a policy  
reflected in the statute) so as to prevent the unjustified or improper  
timewise extension of the "right to exclude" granted by a patent and  
to prevent possible harassment by multiple assignees. A nonstatutory  
obviousness-type double patenting rejection is appropriate where the  
10 conflicting claims are not identical, but at least one examined  
application claim is not patentably distinct from the reference  
claim(s) because the examined application claim is either anticipated  
by, or would have been obvious over, the reference claim(s). See,  
e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In*  
15 *re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re*  
*Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*,  
686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164  
USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ  
644 (CCPA 1969).

20 A timely filed terminal disclaimer in compliance with 37 CFR  
1.321(c) or 1.321(d) may be used to overcome an actual or provisional  
rejection based on a nonstatutory double patenting ground provided the  
conflicting application or patent either is shown to be commonly owned  
with this application, or claims an invention made as a result of  
25 activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of  
record may sign a terminal disclaimer. A terminal disclaimer signed by  
the assignee must fully comply with 37 CFR 3.73(b).

30 Claims 1-4 are provisionally rejected on the ground of  
nonstatutory obviousness-type double patenting as being unpatentable  
over claims 1-4 of copending Application No. 10/684,692. Although the  
conflicting claims are not identical, they are not patentably distinct  
from each other because the presently claimed compound of the formula  
35  $\text{CH}_2=\text{CZ}-\text{CO}_2-\text{POLY}-\text{W}-\text{POLY}'-\text{Q}$  would have been obvious from the claimed  
compound of the copending application having the formula  $\text{CH}_2=\text{CZ}-\text{CO}_2-$   
 $\text{POLY}-\text{W}-\text{POLY}'-\text{Q}$ .

Art Unit: 1651

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

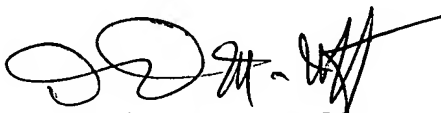
**Conclusion**

The claims are free of the prior art.

5 Any inquiry concerning this communication or earlier communications from the examiner should be directed to David M. Naff whose telephone number is 571-272-0920. The examiner can normally be reached on Monday-Friday 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful,  
10 the examiner's supervisor, Mike Wityshyn can be reached on 571-272-0926. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR)  
15 system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private  
20 PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David M. Naff  
Primary Examiner  
Art Unit 1651